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Standard Windows

Parts Illustration

Parts Illustration



E-Series Casement Window Unit Parts

Unit viewed from interior

Parts Illustration

Colors - Exterior

Note:
(*) Annodized Finishes



Colors/Species/Finishes - Interior

Species Interior Options


Pine


Mixed Grain Douglas Fir


Oak


Maple


Walnut


Alder


Hickory


Mahogany *


Vertical Grain Douglas Fir


Cherry


White Oak

Stained Interior Options


Clear Coat


Wheat


Autumn Oak


Golden Hickory


Honey


Cinnamon


Russet


Mocha


Espresso

Painted Interior Options

White

Birch Bark

Primed

Canvas


Sandtone


Terratone


Forest Green


Dark Bronze


Dove Gray


Prairie Grass


Red Rock


Cocoa Bean


Black


Anodized Silver †

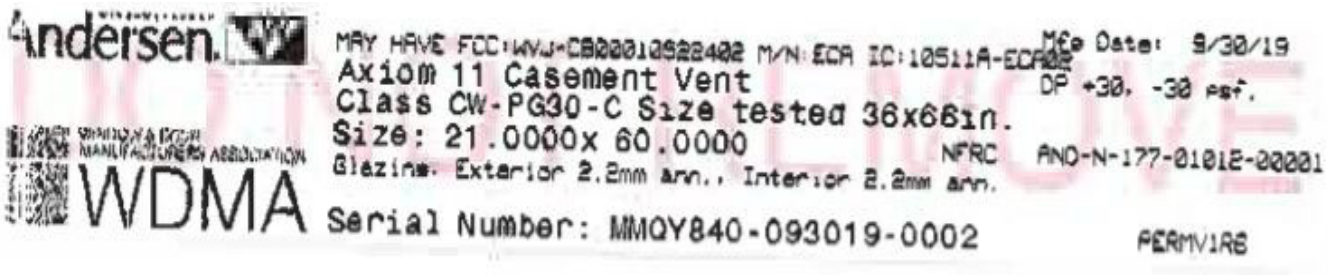
Unit Sizes

Standard and Custom Window Sizes

Note:
E-Series Casement Windows are available in standard sizes (see standard size charts, page 6). Replacement parts for some standard windows can be ordered using the numbers listed in this catalog. Many replacement parts for standard windows are made to order. These items are ordered using the Product ID found on the identification label and a description of the part needed. See Service Guide 9051877.
E-Series Casement Windows are also available in custom sizes in 1/8″ increments between the smallest and the largest standard sizes. Most replacement parts for custom-sized windows are made to order and can be ordered with the Product ID found on the identification label and a description of the part needed. See Service Guide 9051877.

E-Series Product Label

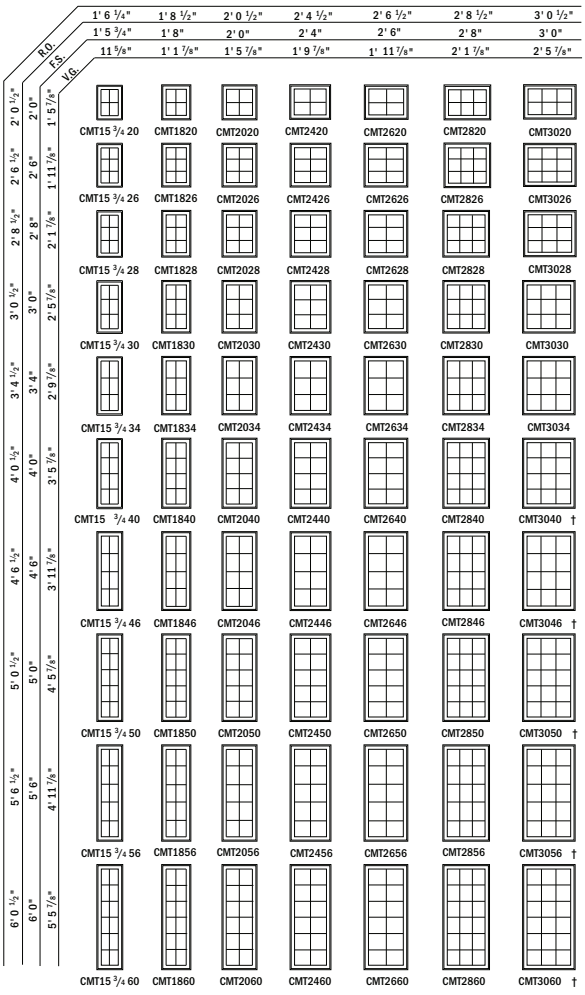
Note:
Every E-Series Casement Window will have an identification label **or** glass etching containing a unique Product ID. The Product ID on E-Series Casement Windows will be located at the top of the window frame or etched into the glass. See Service Guide 9051877. The Product ID may be up to 14 digits long (excluding hyphens), depending on the age of the unit. Replacement parts will also get their own unique Product ID. When ordering replacement parts, providing the Product ID ensures that replacement parts match the specifications.



Unit Size Chart - Standard Windows

Note:
F.S. refers to overall outside-to-outside frame. R.O. refers to rough opening. See latest **Size Grid**.

Casement Window Sizes



NOTES

† These units meet or exceed the following dimensions: Clear Opening Area 5.7 sq. ft., Clear Opening Width 20", Clear Opening Height 24" and 44" maximum floor to sill height (with standard 6'10-1/2" structural header height). Local codes may differ. Verify egress requirements with your local building code official.

Units ≤ 24" Actual Frame Width (AFW) will receive hinges only (no clip or friction arm).
Units > 24" AFW and ≤ 30" AFW receive clip only.
Units > 30" AFW receive (2) 14" friction arms.

If glass is positioned within 18" of the finished floor, safety/tempered glass may be required. Local codes may differ. Verify tempered glass requirements with your local building code official.

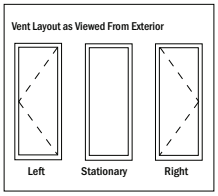
Use structural joining material when necessary or required by code.

The light patterns illustrated apply to rectangular removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight ™ Grilles-Between-the-Glass. All removable interior wood grilles will be installed in the units unless otherwise specified.

For a metric conversion in millimeters, multiply dimensions in inches by 25.4.

R.O. = Rough Opening
F.S. = Frame Size
V.G. = Visible Glass

A piano hinge and sash limiting device is standard on 2860, 3056 and 3060 casement units.



FORMULA FOR COMBINATION WINDOWS
The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus joining material dimension(s).

The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.

Any unit within each combination can be operating or stationary.

Joined Casement Combinations	2- Wide		3-Wide		4-Wide		5-Wide	
Single Unit Frame Width	Rough Opening Width	Frame Width	Rough Opening Width	Frame Width	Rough Opening Width	Frame Width	Rough Opening Width	Frame Width
1'-5 3/4"	3'-0"	2'-11 1/2"	4'-5 3/4"	4'-5 1/4"	5'-11 1/2"	5'-11"	7'-5 1/4"	7'-4 3/4"
1'-8"	3'-4 1/2"	3'-4"	5'-0 1/2"	5'-0"	6'-8 1/2"	6'-8"	8'-4 1/2"	8'-4"
2'-0"	4'-0 1/2"	4'-0"	6'-0 1/2"	6'-0"	8'-0 1/2"	8'-0"	10'-0 1/2"	10'-0"
2'-4"	4'-8 1/2"	4'-8"	7'-0 1/2"	7'-0"	9'-4 1/2"	9'-4"	11'-8 1/2"	11'-8"
2'-6"	5'-0 1/2"	5'-0"	7'-6 1/2"	7'-6"	10'-0 1/2"	10'-0"	12'-6 1/2"	12'-6"
2'-8"	5'-4 1/2"	5'-4"	8'-0 1/2"	8'-0"	10'-8 1/2"	10'-8"	13'-4 1/2"	13'-4"
3'-0"	6'-0 1/2"	6'-0"	9'-0 1/2"	9'-0"	12'-0 1/2"	12'-0"	15'-0 1/2"	15'-0"

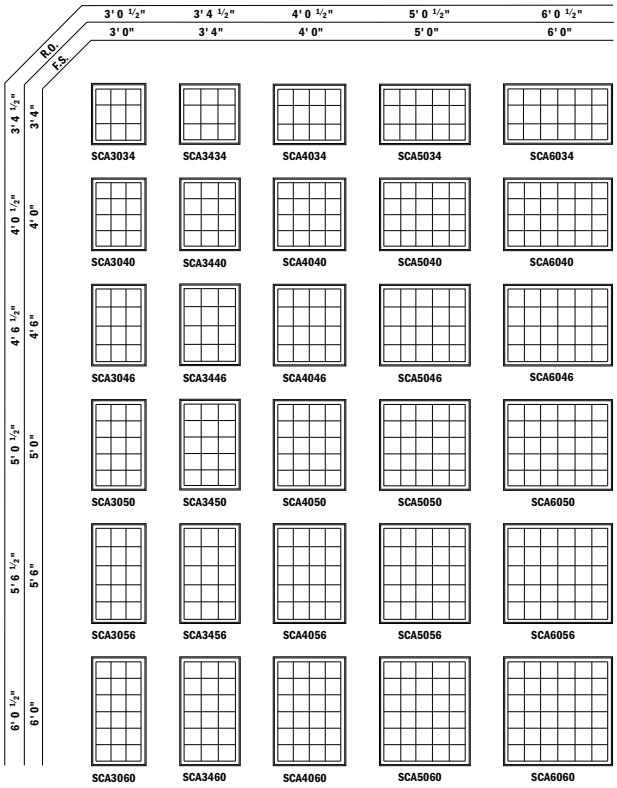
E-Series Casement Standard Window Unit Sizes

Unit Sizes

Unit Size Chart - Picture & Transom Windows

Note:
F.S. refers to overall outside-to-outside frame. R.O. refers to rough opening. See latest **Size Grid**.

Casement Picture Window Sizes



NOTES

If glass is positioned within 18" of the finished floor, safety/tempered glass may be required. Local codes may differ. Verify tempered glass requirements with your local building code official.

Use structural joining material when necessary or required by code.

The light patterns illustrated apply to rectangular removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight ™ Grilles-Between-the-Glass. All removable interior wood grilles will be installed in the units unless otherwise specified.

For a metric conversion in millimeters, multiply dimensions in inches by 25.4.

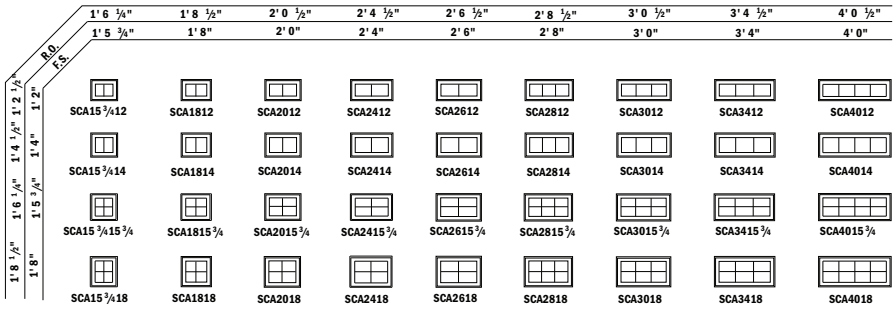
FORMULA FOR COMBINATION WINDOWS

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus joining material dimension(s).

The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.

Any unit within each combination can be operating or stationary.

Casement Transom Window Sizes

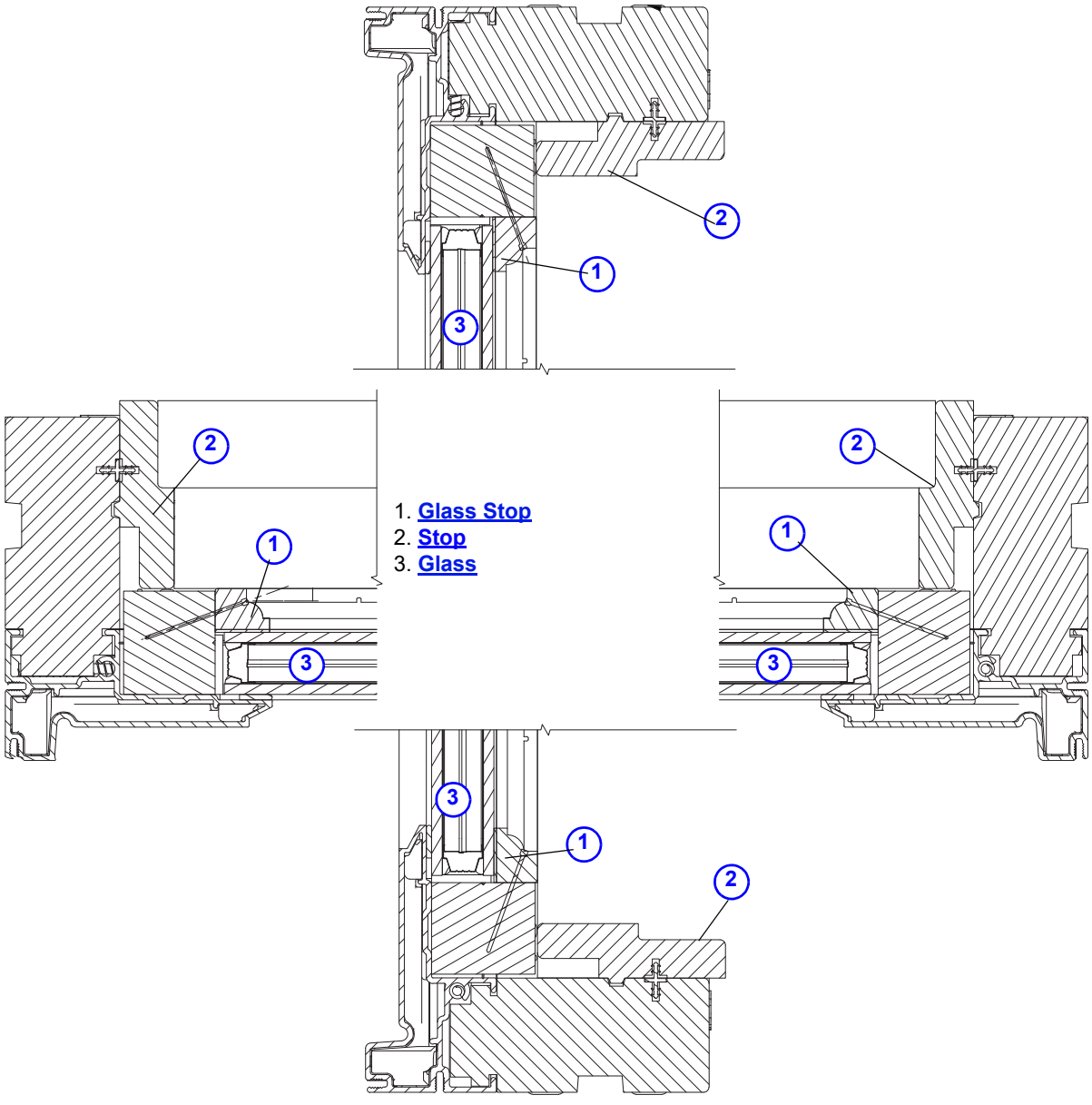


FOR WINDOWS GREATER THAN 30 SQUARE FEET OR RATED HIGHER THAN PG50, ONE OF THESE THREE INSTALLATION METHODS IS REQUIRED:
A) THROUGH THE JAMB B) ALUMINUM INSTALLATION FLANGE OR C) INSTALLATION CLIPS.
ADDITIONAL CUSTOM SIZES ARE AVAILABLE. CONTACT YOUR LOCAL SUPPLIER FOR MORE INFORMATION. DRAWINGS ARE NOT TO SCALE.

E-Series Casement Picture Window Unit Sizes

Frame Graphic - Fixed Casement Picture Window

Note:
Fixed Casement Picture Window Frame shown. See additional **casement types**.

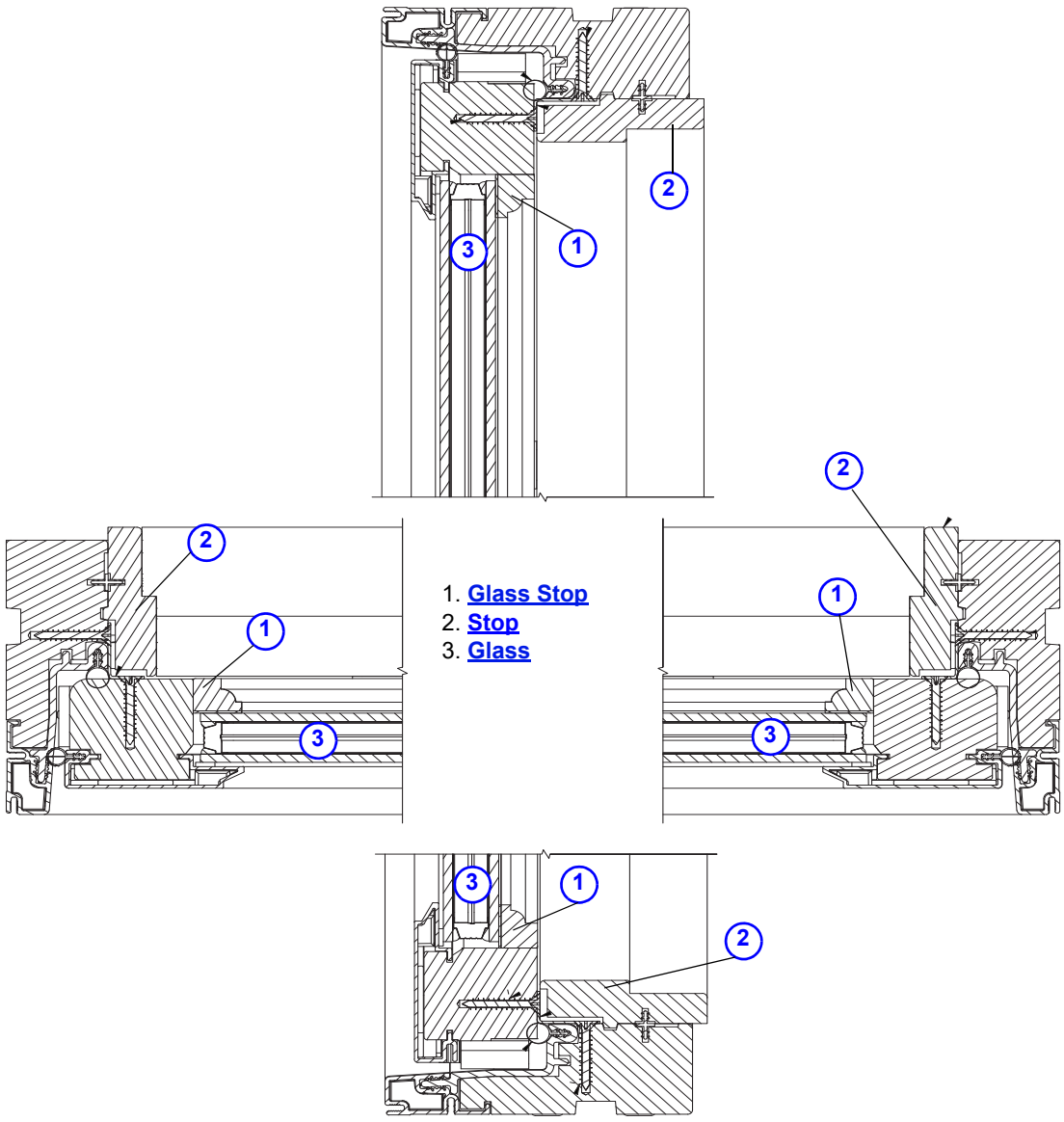


1. **Glass Stop**
2. **Stop**
3. **Glass**

E-Series Casement Fixed Picture Window Frame
E-Series Casement Picture Window

Frame Graphic - 2 Piece Stationary Casement Picture Window

Note:
2 piece Stationary Casement Picture Window Frame shown. See additional casement types.



E-Series 2 Piece Stationary Casement Picture Window Frame

Product History

Product History

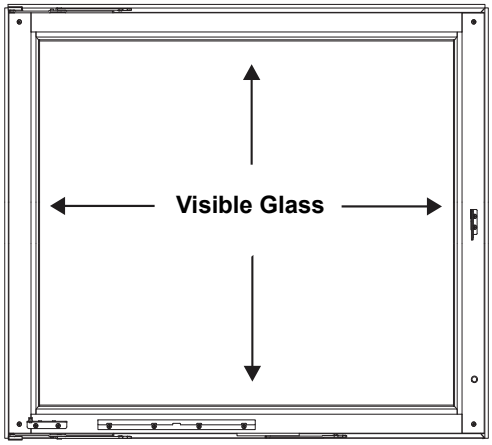
2022 White Oak introduced
2022 Stormwatch® (not shown in catalog) discontinued. See **Bulletin 80-21** for more detail.

Sash

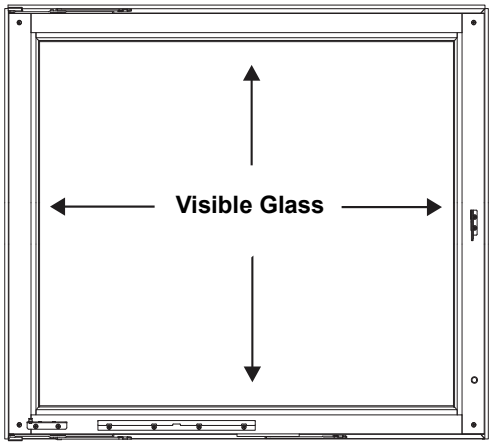
Sash Size Table

Note:
Sash shown is Venting Casement. Overall Sash is measured outside edge to outside edge of frame.

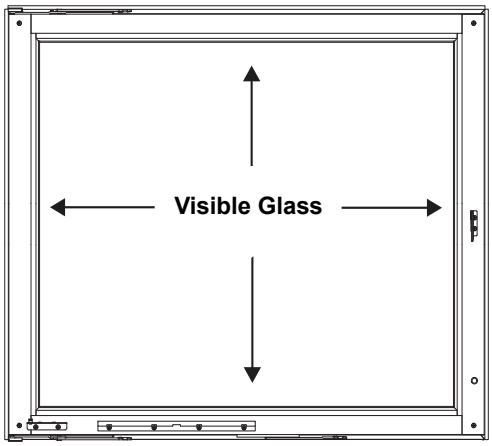
Sash Size Table

Unit No.		Sash Dimensions (w x h)	Visible Glass Dimensions (w x h)	Graphic
15 3/4	CAX1520	16 1/4 × 22 1/2	11 5/8 × 17 7/8	
	CAX1526	16 1/4 × 28 1/2	11 5/8 × 23 7/8	
	CAX1528	16 1/4 × 30 1/2	11 5/8 × 25 7/8	
	CAX1530	16 1/4 × 34 1/2	11 5/8 × 29 7/8	
	CAX1534	16 1/4 × 38 1/2	11 5/8 × 33 7/8	
	CAX1540	16 1/4 × 46 1/2	11 5/8 × 41 7/8	
	CAX1546	16 1/4 × 52 1/2	11 5/8 × 47 7/8	
	CAX1550	16 1/4 × 58 1/2	11 5/8 × 53 7/8	
	CAX1556	16 1/4 × 64 1/2	11 5/8 × 59 7/8	
	CAX1560	16 1/4 × 70 1/2	11 5/8 × 65 7/8	
18	CAX1820	18 1/2 × 22 1/2	13 7/8 × 17 7/8	
	CAX1826	18 1/2 × 28 1/2	13 7/8 × 23 7/8	
	CAX1828	18 1/2 × 30 1/2	13 7/8 × 25 7/8	
	CAX1830	18 1/2 × 34 1/2	13 7/8 × 29 7/8	
	CAX1834	18 1/2 × 38 1/2	13 7/8 × 33 7/8	
	CAX1840	18 1/2 × 46 1/2	13 7/8 × 41 7/8	
	CAX1846	18 1/2 × 52 1/2	13 7/8 × 47 7/8	
	CAX1850	18 1/2 × 58 1/2	13 7/8 × 53 7/8	
	CAX1856	18 1/2 × 64 1/2	13 7/8 × 59 7/8	
	CAX1860	18 1/2 × 70 1/2	13 7/8 × 65 7/8	

Sash

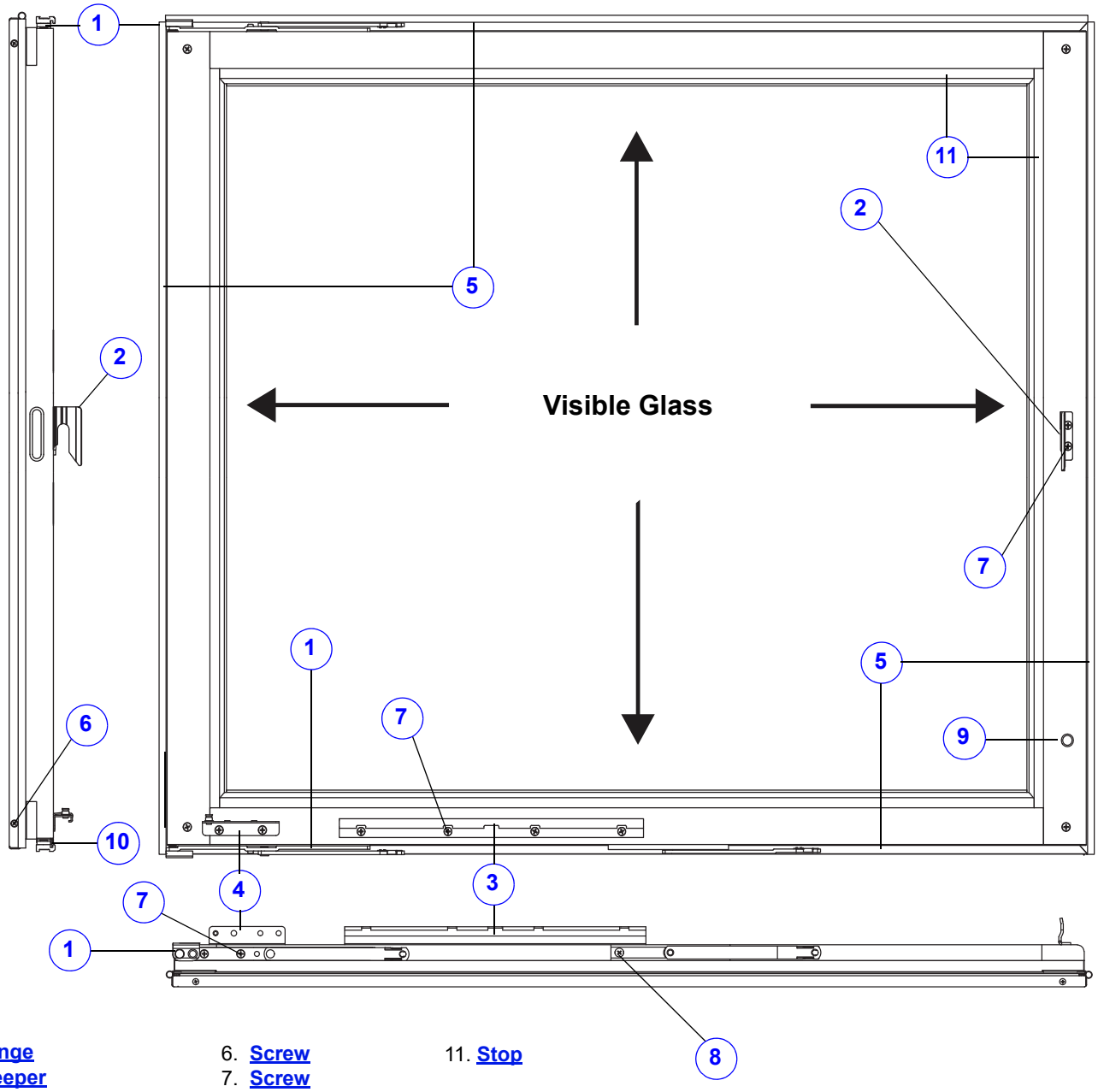
Sash Size Table				
Unit No.		Sash Dimensions (w x h)	Visible Glass Dimensions (w x h)	Graphic
20	CAX2020	22 1/2 × 22 1/2	17 7/8 × 17 7/8	
	CAX2026	22 1/2 × 28 1/2	17 7/8 × 23 7/8	
	CAX2028	22 1/2 × 30 1/2	17 7/8 × 25 7/8	
	CAX2030	22 1/2 × 34 1/2	17 7/8 × 29 7/8	
	CAX2034	22 1/2 × 38 1/2	17 7/8 × 33 7/8	
	CAX2040	22 1/2 × 46 1/2	17 7/8 × 41 7/8	
	CAX2046	22 1/2 × 52 1/2	17 7/8 × 47 7/8	
	CAX2050	22 1/2 × 58 1/2	17 7/8 × 53 7/8	
	CAX2056	22 1/2 × 64 1/2	17 7/8 × 59 7/8	
	CAX2060	22 1/2 × 70 1/2	17 7/8 × 65 7/8	
24	CAX2420	26 1/2 × 22 1/2	21 7/8 × 17 7/8	
	CAX2426	26 1/2 × 28 1/2	21 7/8 × 23 7/8	
	CAX2428	26 1/2 × 30 1/2	21 7/8 × 25 7/8	
	CAX2430	26 1/2 × 34 1/2	21 7/8 × 29 7/8	
	CAX2434	26 1/2 × 38 1/2	21 7/8 × 33 7/8	
	CAX2440	26 1/2 × 46 1/2	21 7/8 × 41 7/8	
	CAX2446	26 1/2 × 52 1/2	21 7/8 × 47 7/8	
	CAX2450	26 1/2 × 58 1/2	21 7/8 × 53 7/8	
	CAX2456	26 1/2 × 64 1/2	21 7/8 × 59 7/8	
	CAX2460	26 1/2 × 70 1/2	21 7/8 × 65 7/8	
26	CAX2620	28 1/2 × 22 1/2	23 7/8 × 17 7/8	
	CAX2626	28 1/2 × 28 1/2	23 7/8 × 23 7/8	
	CAX2628	28 1/2 × 30 1/2	23 7/8 × 25 7/8	
	CAX2630	28 1/2 × 34 1/2	23 7/8 × 29 7/8	
	CAX2634	28 1/2 × 38 1/2	23 7/8 × 33 7/8	
	CAX2640	28 1/2 × 46 1/2	23 7/8 × 41 7/8	
	CAX2646	28 1/2 × 52 1/2	23 7/8 × 47 7/8	
	CAX2650	28 1/2 × 58 1/2	23 7/8 × 53 7/8	
	CAX2656	28 1/2 × 64 1/2	23 7/8 × 59 7/8	
	CAX2660	28 1/2 × 70 1/2	23 7/8 × 65 7/8	

Sash

Sash Size Table				
Unit No.		Sash Dimensions (w x h)	Visible Glass Dimensions (w x h)	Graphic
28	CAX2820	30 1/2 × 22 1/2	25 7/8 × 17 7/8	
	CAX2826	30 1/2 × 28 1/2	25 7/8 × 23 7/8	
	CAX2828	30 1/2 × 30 1/2	25 7/8 × 25 7/8	
	CAX2830	30 1/2 × 34 1/2	25 7/8 × 29 7/8	
	CAX2834	30 1/2 × 38 1/2	25 7/8 × 33 7/8	
	CAX2840	30 1/2 × 46 1/2	25 7/8 × 41 7/8	
	CAX2846	30 1/2 × 52 1/2	25 7/8 × 47 7/8	
	CAX2850	30 1/2 × 58 1/2	25 7/8 × 53 7/8	
	CAX2856	30 1/2 × 64 1/2	25 7/8 × 59 7/8	
	CAX2860	30 1/2 × 70 1/2	25 7/8 × 65 7/8	
30	CAX3020	34 1/2 × 22 1/2	29 7/8 × 17 7/8	
	CAX3026	34 1/2 × 28 1/2	29 7/8 × 23 7/8	
	CAX3028	34 1/2 × 30 1/2	29 7/8 × 25 7/8	
	CAX3030	34 1/2 × 34 1/2	29 7/8 × 29 7/8	
	CAX3034	34 1/2 × 38 1/2	29 7/8 × 33 7/8	
	CAX3040	34 1/2 × 46 1/2	29 7/8 × 41 7/8	
	CAX3046	34 1/2 × 52 1/2	29 7/8 × 47 7/8	
	CAX3050	34 1/2 × 58 1/2	29 7/8 × 53 7/8	
	CAX3056	34 1/2 × 64 1/2	29 7/8 × 59 7/8	
	CAX3060	34 1/2 × 70 1/2	29 7/8 × 65 7/8	

Sash Graphic

Note:
Standard venting casement sash shown. See additional **casement types**.



1. Hinge
2. Keeper
3. Sash Track (2 types)
4. Bracket (3 types)
5. Weatherstrip
6. Screw
7. Screw
8. Screw
9. Sleeve Magnet
10. Hinge Shim
11. Stop

E-Series Casement Sash

Sash viewed from interior

Sash

Sash

Sash - Operating

Note:
Replacement sash for windows are made to order and can be configured through iQ. Current glazings replace previous vintage glazings. Product ID label is located on the head jamb.

Low-E4®



Low-E4® Sun 3



Low-E4® SmartSun™



Low-E4® PassiveSun®



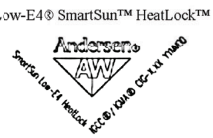
Dual Pane Clear



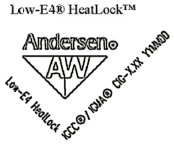
Special Product Request (SPR)

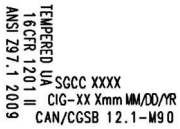


Low-E4® SmartSun™ HeatLock™



Low-E4® HeatLock™





Exterior color options:
Interior species/finish/color options:
Glass options (**See Logo/Etching Examples**):

Low-E4®	Low-E4® HeatLock	Low-E4® SmartSun HeatLock
Low-E4® SmartSun™	Low-E4® Smart-Sun HeatLock	Low-E4® Triple-Pane
Low-E4® Passive Sun	Low-E4® Sun Heat-Lock	Low-E4® Smart-Sun Triple-Pane
Low-E4® Sun 3	Low-E4® HeatLock Tempered	Low-E4® Enhanced Triple-Pane
Low-E4® Tempered	Dual Pane Clear	Low-E4® Smart-Sun Enhanced Triple-Pane
Low-E4® SmartSun Tempered	Cascade	Low-E4® Enhanced Triple-Pane Heat-Lock
Low-E4® Passive Sun Tempered	Fern	Low-E4® Smart-Sun Enhanced Triple-Pane HeatLock
Low-E4® Sun Tempered	Reed	

To order, state:

Product ID (from product label, see Service Guide 9051877)

OR

1. **Unit or frame size (CAX XXXX or frame W x H dimensions)**
2. **Description of part (Sash)**
3. **Sash handing (Right, Left, or Stationary)**
4. **Exterior color of sash to be replaced**
5. **Interior wood species/finish/color of sash to be replaced**
6. **Glazing/Grille type**
7. **Glass Stop Type (Ovolo, Contemporary)**
8. **Manufacturing Date**

Sash

Weatherstrip

Weatherstrip

		Color	Size	Order No.
		White	10 ft (120˝)	9103912
		Black		9103913
		White	25 ft (300˝)	9103816
		Black		9103817

Glass

Glass

Glass

Note:
Replacement glass is made to order and can be configured through iQ. Current glazings replace previous vintage glazings. Product ID label is located on the head jamb. Glass ships with sealant and spacers. See Accessory Guide 9176386.

Low-E4®



Low-E4® Sun 3



Low-E4® SmartSun™



Low-E4® PassiveSun®



Dual Pane Clear



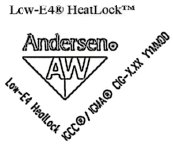
Special Product Request (SPR)

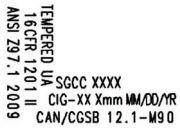


Low-E4® SmartSun™ HeatLock™



Low-E4® HeatLock™





Exterior color options:
Interior species/finish/color options:
Glass options (See Logo/Etching Examples):

Low-E4®	Low-E4® HeatLock	Low-E4® SmartSun HeatLock
Low-E4® SmartSun™	Low-E4® Smart-Sun HeatLock	Low-E4® Triple-Pane
Low-E4® Passive Sun	Low-E4® Sun Heat-Lock	Low-E4® Smart-Sun Triple-Pane
Low-E4® Sun 3	Low-E4® HeatLock Tempered	Low-E4® Enhanced Triple-Pane
Low-E4® Tempered	Dual Pane Clear	Low-E4® Smart-Sun Enhanced Triple-Pane
Low-E4® SmartSun Tempered	Cascade	Low-E4® Enhanced Triple-Pane Heat-Lock
Low-E4® Passive Sun Tempered	Fern	Low-E4® Smart-Sun Enhanced Triple-Pane HeatLock
Low-E4® Sun Tempered	Reed	

To order, state:

Product ID (from product label, see Service Guide 9051877)

OR

1. **Unit or frame size (CAX XXXX or frame W x H dimensions)**
2. **Description of part (Glass)**
3. **Glazing/Grille type**
4. **Glass Stop Type (Ovolo, Contemporary)**
5. **Manufacturing Date**

Glass Stops

Stops - Top / Bottom / Side

Note:
Stops (top, bottom and side) are made to order.

To order, state:

Product ID (from product label, see Service Guide 9051877)

OR

1. **Description of Part/Size (Stop)**
2. **Color/Species/Finish**
3. **Location/Handing (Top, Bottom, Side)**
4. **Type (Ovolo, Contemporary)**
5. **Manufacturing Date**

Interior species/finish/color options



Glass

Glass Parts			
Glazing Tape			
Note: See Accessory Guide 9064542.			
		Color	**Order No.**
		Gray	33751RL
Silicone Bed Glazing			
		Color	**Order No.**
		Dove Gray	9164412
Glass Spacer			
			Order No.
			9152146

Insect Screens

Insect Screen

Note:
Retractable and standard screens available in fiberglass, aluminum and TruScene® material. Replacement insect screens can be configured in iQ.

Color/finish options



Interior species/finish/color options





Standard Screen



Retractable Screen

Insect Screens

Insect Screen - Standard Screens

Insect Screen - Standard Screens



Unit No.		Dimensions (w x h)
15 3/4	CAX1520	14 5/32 X 19 21/32
	CAX1526	14 5/32 X 25 21/32
	CAX1528	14 5/32 X 27 21/32
	CAX1530	14 5/32 X 31 21/32
	CAX1534	14 5/32 X 35 21/32
	CAX1540	14 5/32 X 43 21/32
	CAX1546	14 5/32 X 49 21/32
	CAX1550	14 5/32 X 55 21/32
	CAX1556	14 5/32 X 61 21/32
	CAX1560	14 5/32 X 67 21/32
18	CAX1820	16 13/32 X 19 21/32
	CAX1826	16 13/32 X 25 21/32
	CAX1828	16 13/32 X 27 21/32
	CAX1830	16 13/32 X 31 21/32
	CAX1834	16 13/32 X 35 21/32
	CAX1840	16 13/32X 43 21/32
	CAX1846	16 13/32 X 49 21/32
	CAX1856	16 13/32 X 55 21/32
	CAX1866	16 13/32 X 61 21/32
	CAX1860	16 13/32 X 67 21/32
20	CAX2020	20 13/32 X 19 21/32
	CAX2026	20 13/32 X 25 21/32
	CAX2028	20 13/32 X 27 21/32
	CAX2030	20 13/32 X 31 21/32
	CAX2034	20 13/32 X 35 21/32
	CAX2040	20 13/32 X 43 21/32
	CAX2046	20 13/32 X 49 21/32
	CAX2050	20 13/32 X 55 21/32
	CAX2056	20 13/32 X 61 21/32
	CAX2060	20 13/32 X 67 21/32

Insect Screens

Insect Screen - Standard Screens



Unit No.		Dimensions (w x h)
24	**CAX2420**	24 13/32 X 19 21/32
	CAX2426	24 13/32 X 25 21/32
	CAX2428	24 13/32 X 27 21/32
	CAX2430	24 13/32 X 32 13/32
	CAX2434	24 13/32 X 35 21/32
	CAX2440	24 13/32 X 43 21/32
	CAX2446	24 13/32 X 49 21/32
	CAX2450	24 13/32 X 55 21/32
	CAX2456	24 13/32 X 61 21/32
	CAX2460	24 13/32 X 67 21/32
26	**CAX2620**	26 13/32 X 19 21/32
	CAX2626	26 13/32 X 25 21/32
	CAX2628	26 13/32 X 27 21/32
	CAX2630	26 13/32 X 31 21/32
	CAX2634	26 13/32 X 35 21/32
	CAX2640	26 13/32 X 43 21/32
	CAX2646	26 13/32 X 49 21/32
	CAX250	26 13/32 X 55 21/32
	CAX2656	26 13/32 X 61 21/32
	CAX2660	26 13/32 X 67 21/32
28	**CAX2820**	28 13/32 X 19 21/32
	CAX2826	28 13/32 X 25 21/32
	CAX2828	28 13/32 X 27 21/32
	CAX2830	28 13/32 X 31 21/32
	CAX2834	28 13/32 X 35 21/32
	CAX2840	28 13/32 X 43 21/32
	CAX2846	28 13/32 X 49 21/32
	CAX2850	28 13/32 X 55 21/32
	CAX2856	28 13/32 X 61 21/32
	CAX2860	28 13/32 X 67 21/32

Insect Screens

Insect Screen - Standard Screens

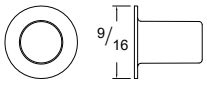


Unit No.		Dimensions (w x h)
30	CAX3020	32 13/32 X 19 21/32
	CAX3026	32 13/32 X 25 21/32
	CAX3028	32 13/32 X 27 21/32
	CAX3030	32 13/32 X 31 21/32
	CAX3034	32 13/32 X 35 21/32
	CAX3040	32 13/32 X 43 21/32
	CAX3046	32 13/32 X 49 21/32
	CAX3050	32 13/32 X 55 21/32
	CAX3056	32 13/32 X 61 21/32
	CAX3060	32 13/32 X 67 21/32

Insect Screen Parts

Grommet

Note:
Used with standard and wood veneer screen.



Order No.
0009220

Grilles

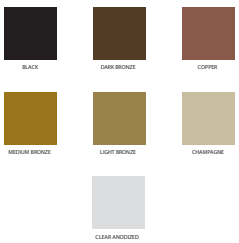
Grilles

Note:
Replacement sash with permanently applied grilles and Finelight™ grilles can be configured in iQ. Replacement removable interior grilles can be configured in iQ. Removable grilles are only available in 7/8″ profile.

Exterior color/finish options

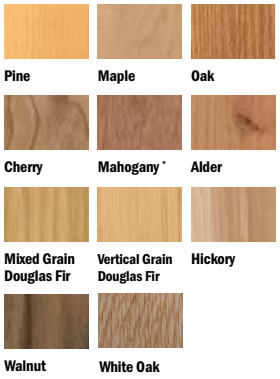


ANNODIZED FINISHES

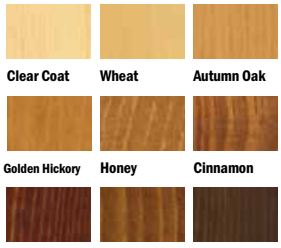


Interior species/finish/color options

WOOD SPECIES



FACTORY-FINISHED INTERIORS



PAINTED OPTIONS



Grilles

Grille Options

Note:
Replacement sash with permanently applied grilles and Finelight™ grilles can be configured in iQ. Replacement removable interior grilles can be configured in iQ. Removable grilles are only available in 7/8″ profile.

Types



Full Divided Light

Give any window an authentic look with full divided light grilles that are permanently applied to the interior and exterior of your window with a spacer between the glass.



Simulated Divided Light

An economical solution with traditional beauty, our Simulated Divided Light features fixed exterior and interior grilles without an internal spacer.



Removable Interior Wood Grilles

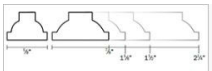
Our removable wood grilles are installed on the interior surface. They are available with an optional surround and an optional permanently applied exterior grille.



Finelight™ Grilles-Between-the-Glass

Aluminum grilles conveniently placed between two panes of glass make the glass easy to clean inside and out.

Profiles



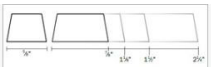
Interior Wood: Ovolo (Colonial)

Widths:

- 5/8"
- 7/8"
- 1 1/8"
- 1 1/2"
- 2 1/4"

Available with:

- Full Divided Light
- Simulated Divided Light



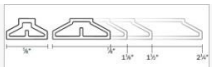
Interior Wood: Contemporary

Widths:

- 5/8"
- 7/8"
- 1 1/8"
- 1 1/2"
- 2 1/4"

Available with:

- Full Divided Light
- Simulated Divided Light



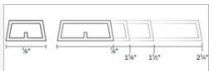
Exterior Aluminum: Chamfer

Widths:

- 5/8"
- 7/8"
- 1 1/8"
- 1 1/2"
- 2 1/4"

Available with:

- Full Divided Light
- Simulated Divided Light
- Removable Interior Wood with Optional Permanently Applied Exterior Grille



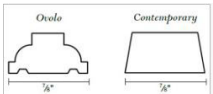
Exterior Aluminum: Contemporary

Widths:

- 5/8"
- 7/8"
- 1 1/8"
- 1 1/2"
- 2 1/4"

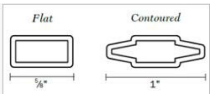
Available with:

- Full Divided Light
- Simulated Divided Light
- Removable Interior Wood with Optional Permanently Applied Exterior Grille



Removable Interior Wood Grilles

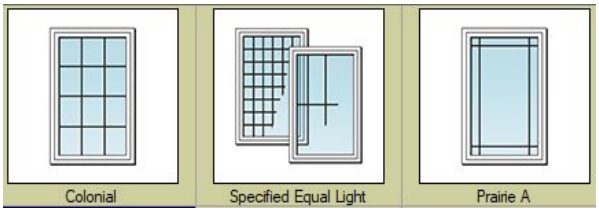
Ovolo or Contemporary profiles in 7/8" width

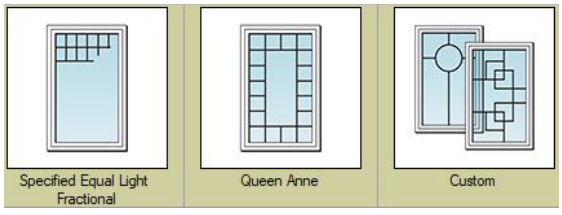


Finelight Grille Profiles and Widths

Flat or Contoured profiles in 5/8" or 1" widths

Patterns

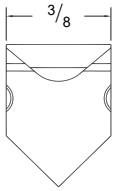


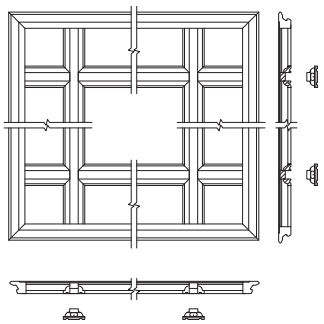


Interior Grille Parts

Clip - Surround

Note:
Used with framed removable grilles.

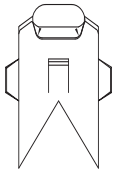


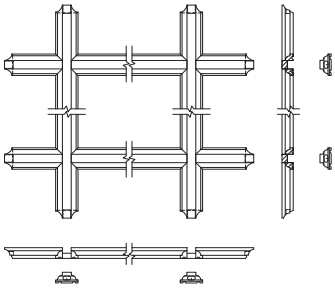


Order No.
0004900

Clip - Knocked Down

Note:
Used with knocked down removable grilles.



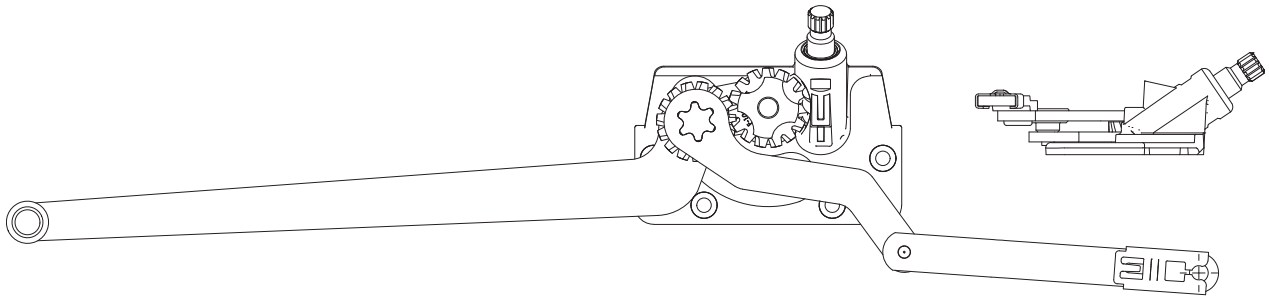


Order No.
0004901

Hardware

Operator > 21″

Note:
Used on unit frame widths wider than 21″. This operator secures to a sash track.



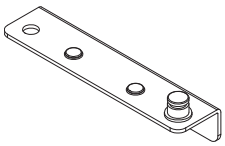
Casement Operator

Operator Picture

Operator / > 21″

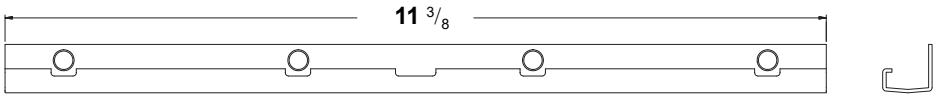
	LH	RH
	0007642	0007643

Bracket / Operator



	LH	RH
	0007644	0007645

Track / Operator



	Order No.
	0007672

Shim / Operator

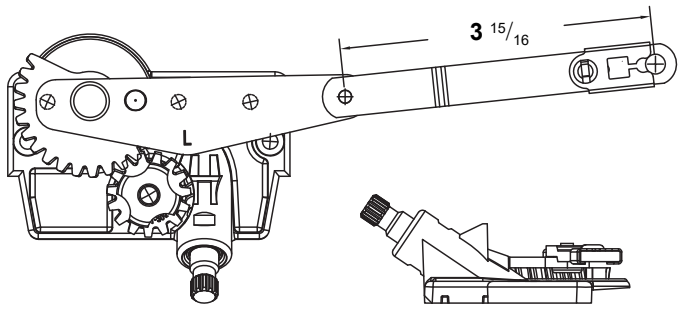
	Order No.
	0067498

Screw

	Size:	Finish	Order No.
	#8 x 1″ PFHSMS	Z & Y	0013396

Operator < 21˝(Split Arm)

Note:
Used on unit frame widths less than 21˝.



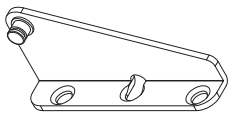
Casement Operator

Operator Picture

Operator / < 21˝

	LH	RH
	0007650	0007651

Bracket / Operator



	LH	RH
	0007652	0007653

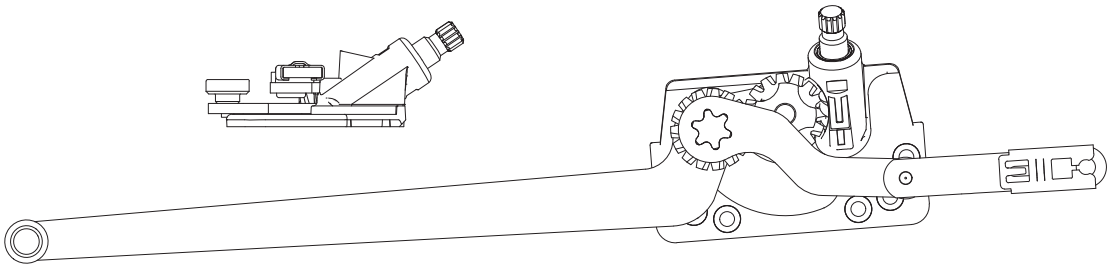
Screw

	Size:	Finish	Order No.
	#8 x 1˝ PFHSMS	Z & Y	0013396

Hardware

Operator > 20˝ Egress

Note:
Used on egress units and frame width greater than 20˝.



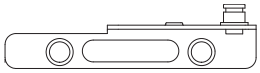
Casement Operator

Operator Picture

Operator / > 20˝ Egress

	LH	RH
	0007646	0007647

Bracket / Operator

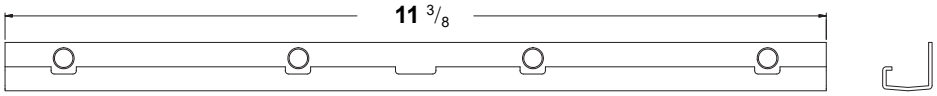


	LH	RH
	0007648	0007649

Screw

	Size:	Finish	Order No.
	#8 x 1˝ PFHSMS	Z & Y	0013396

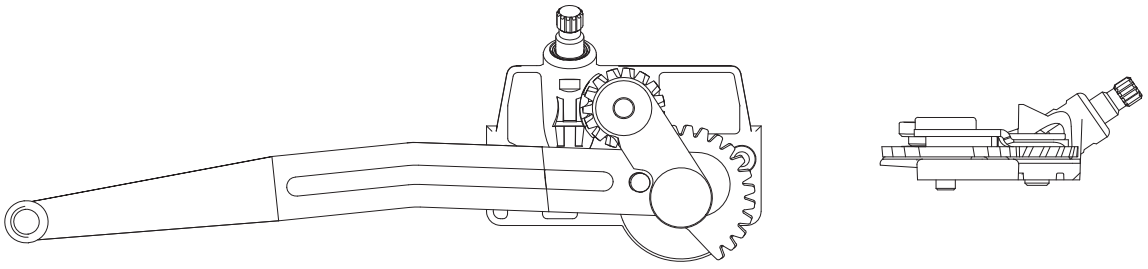
Track / Operator



	Order No.
	0007672

Operator / Piano Hinge

Note:
Stainless Steel.

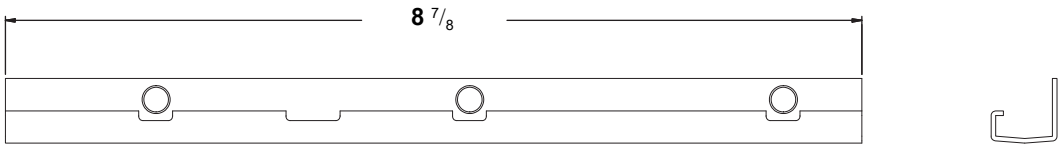


French Casement Operator

Operator / > 21˝

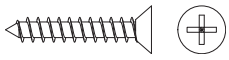
	LH	RH
	0011828	0011829

Track / Operator



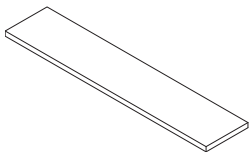
	Order No.
	0007673

Screw / Operator Track



Description	Finish	Order No.
#7 x 7/8˝ PFHSMS Type AB Stainless Steel	Stainless Steel	0015746

Shim / Operator



Order No.
0067498

Screw / Shim

Description	Finish	Order No.
#8 x 1˝ PFHSMS	Z & Y	0013396

Hardware

Hinge - Piano

Hinge - Piano

Note:
Secures to sash and frame. Used on 2860, 3056 and 3060 sizes.

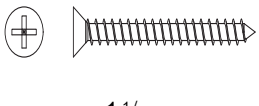
To order, state:

Product ID (from product label, see Service Guide 9051877)

OR

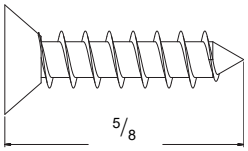
1. **Unit height**
2. **Description of part (Piano Hinge 2˝)**
3. **Hinge color (Black, Stainless Steel)**

Screw - Piano Hinge(Sash)



Description	Finish	Order No.
#6 X 1 1/4 PFHSMS Type AB 18-8	Stainless Steel	0021983
	Black	0074480

Screw - Piano Hinge (Frame)

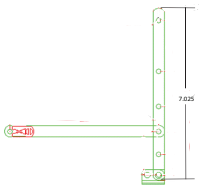


Description	Finish	Order No.
#7 X 5/8 SS	Stainless Steel	0015331
	Black	9105312

Hinge Components

Hinge Arm - Stainless Steel 10˝

Note:
Order 1-LH & 1-RH hinge arm per sash Apply to top or bottom rail of sash depending on the handing. See, Service Guide 9069219



	Standard		Egress	
	Left	Right	Left	Right
	0007694	0007695	0007688	0007689

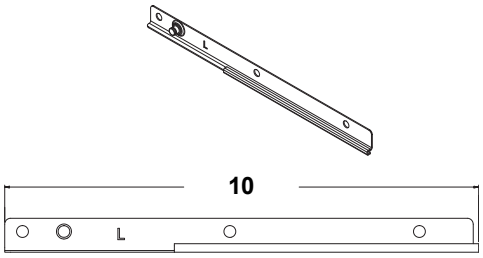
Screw - Hinge Arm

Note:
Also used to secure keeper.

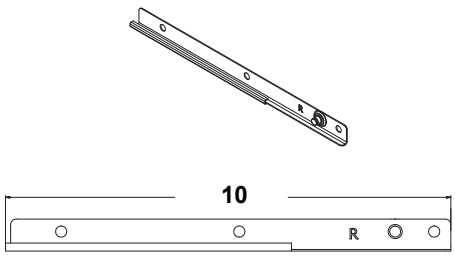
	Description	Order No.
	#7 X 1 1/4 PH FH SHT MTL Type AB 18-8 SS	0027959

Hinge Track - Stainless Steel 10˝

Note:
Order 1-LH & 1-RH hinge track per sash. Apply to top or bottom depending on the handing. See, Service Guide 9069220



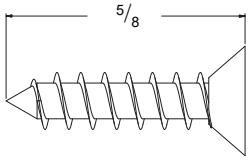
Left



Right

	Order No.	
	Left	Right
	0007696	0007697

Screw - Hinge Track



Size:
#7 x 5/8˝ PFHSMS

Finish	Order No.
Stainless Steel	0015331

Shim - Hinge

Order No.
0011415

Hardware

Hardware Packs

Complete Hardware Kit

Note:
Handed as the unit is handed unless piano hinges are used. Piano hinges are “standard” on Arch Casement units.

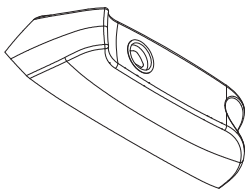
Kit Includes:
(1) Lock Bezel
(1) Lock Handle
(1) Folding Handle
(1) Operator Cover

Finish	Order No. LH RH (Piano)	Order No. RH LH (Piano)
Black	9078345	9078346
Gold	9078347	9078348
Bronze	9078349	9078350
White	9078351	9078352
Antique Brass	9078359	9078360
Bright Brass	9078361	9078362
Satin Chrome	9078357	9078358
Bright Chrome	9078355	9078356
Oil Rubbed Bronze	9078353	9078354
Pewter	9078363	9078364

Operator Covers

Operator Cover

Note:
Handed as the unit is handed unless piano hinges are used.

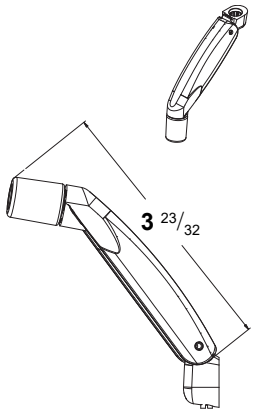


Color	Order No. LH RH (Piano)	Order No. RH LH (Piano)
Black	9105294	9105295
Gold	9105292	9105293
Bronze	9105290	9105291
White	9105288	9105289
Antique Brass	9105306	9105307
Bright Brass	9105296	9105297
Satin (Brushed) Chrome	9105302	9105303
Bright (Polished) Chrome	9105304	9105305
Bronze	9105290	9105291
Oil Rubbed Bronze	9105298	9105299
Pewter	9105300	9105301

Handles

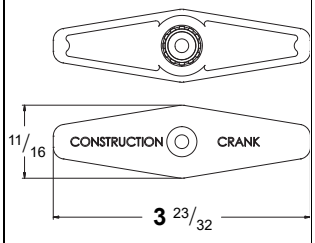
Folding Handle (Crank)

Note:



Finish	Order No.
Black	0007663
Gold	0007662
Bronze	0007661
White	0007660
Antique Brass	0007669
Bright Brass	0007664
Satin Chrome	0007667
Bright Chrome	0007668
Oil Rubbed Bronze	0007665
Pewter	0007666

Temporary Handle - Operator

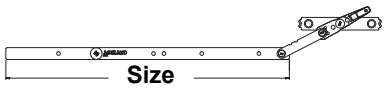
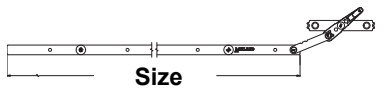
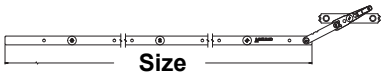


Order No.
0007896

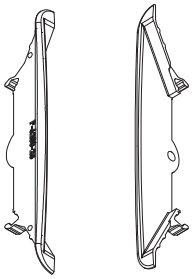
Hardware

Locks and Lock Components

Lock Bar

	Type	Size	Used with Unit Height	Left	Right
	Single Point	6 7/16	>=17 3/4 and <= 24	0008812	
		9 5/16	>=16 and <17 3/4	0018386	0018387
		11 1/4	>24 and <= 32	0008830	
		17 1/4	>32 and < 36	0008835	
	Double Point	23 1/4	>=36 and <= 40	0008836	
		29 1/4	>40 and <= 48	0008838	
		35 1/4	>48 and <= 54	0008840	
		41 1/4	>54 and <= 60	0008842	
		47 1/4	>60 and <= 66	0008844	
	Triple Point	53 1/4	>66 and <= 72	0008846	
		59 1/4	>72 and <= 78	0008848	
		65 1/4	>78 and <= 84	0008850	
		71 1/4	>84 and <= 90	0008852	
		77 1/4	>90 and <= 96	0008854	

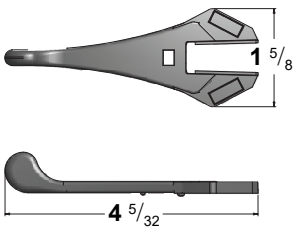
Lock Bezel



Finish	Order No.
Black	0008822
Gold	0008823
Bronze	0008821
White	0008820
Antique Brass	9105277
Bright Brass	0008824
Satin Chrome	9105275
Bright Chrome	9105276
Oil Rubbed Bronze	9105274
Pewter	9105273

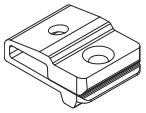
Lock Handle

Note:



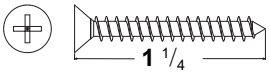
Finish	Standard
Black	0013519
Gold	0013520
Bronze	0013518
White	0013517
Antique Brass	0013526
Bright Brass	0013521
Satin Chrome	0013524
Bright Chrome	0013525
Oil Rubbed Bronze	0013523
Pewter	0013522

Lock Bar Guide



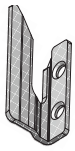
Finish	Order No.
Black	0008806

Screw / Lock Bar Guide



Finish	Order No.
Black	0033460

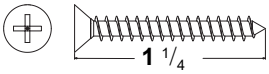
Keeper



LH	RH
0008807	0008808

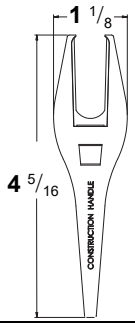
Screw / Keeper

Note:
#6 Used with hardwoods, #7 Used with pine



Description:	Finish	Order No.
#6 X 1 1/4 PFHSMS TEKS	Stainless Steel	9105801
#7 X 1 1/4 PFHSMS TYPE AB	Stainless Steel	0027959

Temporary Handle - Lock



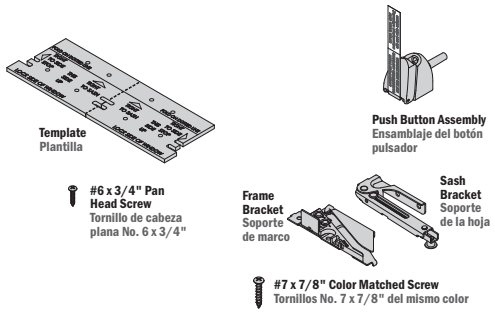
Order No.
0008949

Hardware

Optional Hardware

Opening Control Device Kit

Kit Includes:
(1) Frame Bracket
(1) Sash Bracket
(1) Push Button Assembly
(1) Screw Packet
(1) Safety Card (Not shown)
(1) Template
(1) Accessory Guide 9069031



Finish	Left	Right
White	0049251	0049253
Stone	0049255	0049257

Installation Kit / Opening Control Device

Kit Includes:
(1) Drill Guide
(1) Drill Bit
(1) Self Tapping Screw



Order No.
0049259

Sleeve Magnet

Note:
Used with Verilock.

Finish	Order No.
White	0015968
Stone	0015967

Sash Limiter Kit

Kit Includes:
(1) Limiter Track
(1) Limiter Bracket
(1) Limiter Pivot Arm
(4) Fasteners

Order No.
9142251

Fasteners

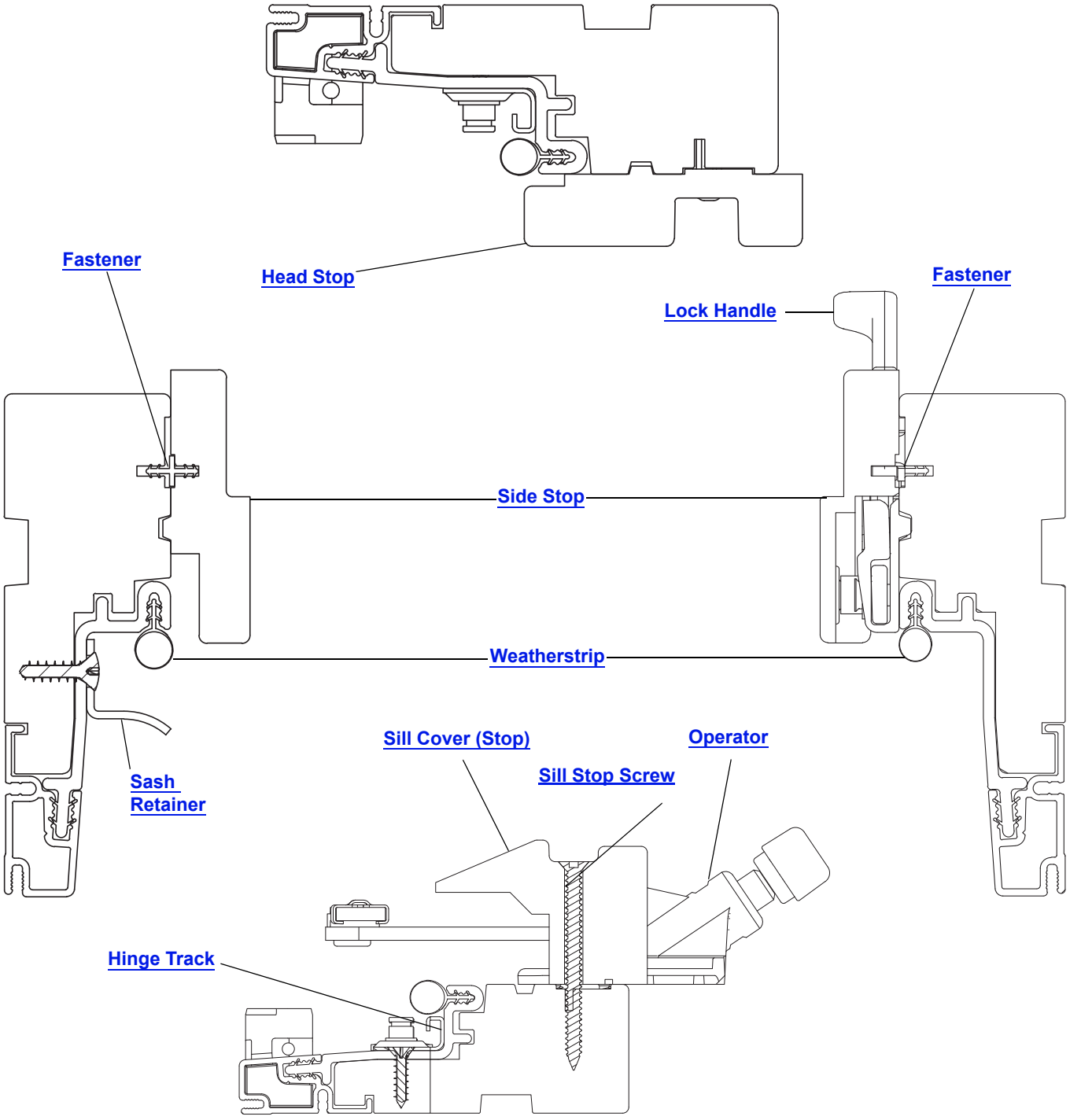
Screw - Sash Limiter

Description	Order No.
#8 X 3/4 PPHSMS Type AB 18-8 SS	0033736

Frames

Frame Graphic - Standard Windows

Note:
Replacement frames can be configured in iQ. Standard casement unit shown. See additional casement types.



Casement Frame Assembly

Frames

Frame

Note:
Replacement frames ship with hardware.

To order, state:

Product ID (from product label, see Service Guide 9051877)

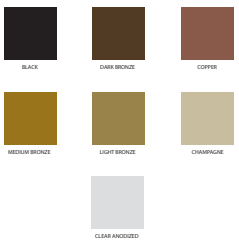
OR

1. **Description of Part/Size (CAX XXXX or frame W X H dimensions)**
2. **Colors/Species/Finish**
3. **Manufacturing Date**

Exterior color/finish options

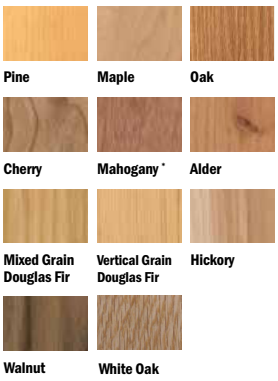


ANNODIZED FINISHES



Interior species/finish/color options

WOOD SPECIES



FACTORY-FINISHED INTERIORS



PAINTED OPTIONS



Painted options available with pine and maple only.

Stops

Stops - Head / Sill / Side

Note:
Stops (head, sill and side) are made to order.

To order, state:

Product ID (from product label, see Service Guide 9051877)

OR

1. **Description of Part/Size (Stop)**
2. **Color/Species/Finish**
3. **Location/Handing (Head, Sill, Lock Jamb, Hinge Jamb, LH, RH)**
4. **Manufacturing Date**

Interior species/finish/color options



Frames

Weatherstrip

Weatherstrip



Size	Order No.
10 ft (120″)	9103914
25 ft (300″)	9103915

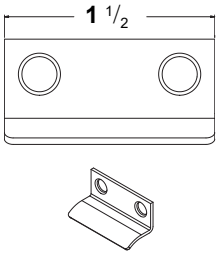
Frame Parts

Fastener



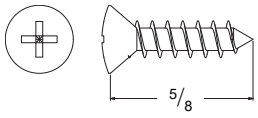
Size	Order No.
3″	000CFS3
6″	000CFS6
34″	00CFS34
55″	00CFS55
96″	00CFS96

Sash Retainer



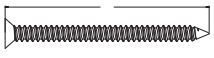
Finish	Order No.
Unfinished	9105321

Screw - Sash Retainer



Finish	Order No.
Unfinished	0040120

Screw - Plowless Stop

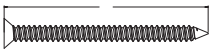


#8 X 2 1/8 SCW 6 LOBE FH SHT MTL TYPE AB Z&Y

Note:
Used on statonary sill stops

Finish	Order No.
Antique Brass	9173234

Screw - Sill Stop



2 1/8

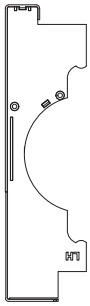
#8 X 2 1/8 SCW 6 LOBE FH SHT MTL TYPE AB Z&Y

Note:
Used on the operating **sill stop**.

Finish	Order No.
Antique Brass	9173234

Concealed-Lock Covers

Note:
LH shown below.



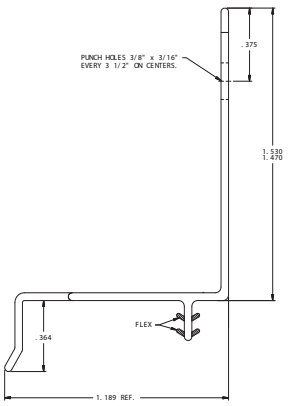
	Order No.
LH	0011080
RH	0011081

Frames

Installation Material

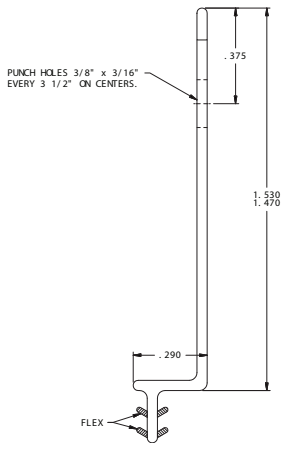
Note:
The Rigid Nailfin and Rigid Nailfin with Clear Drip Cap is the standard Nailfin option. The rigid nailfin is used for the bottom and sides, and the Rigid Nailfin with Integral Clear Drip Cap is used for the top of the unit.. See **chevron/corner pad pack**.

Rigid Nailfin with Integral Clear Drip Cap / Head



Length	Order No.
17 3/4″	9124508
20″	9124509
24″	9124510
28″	9124511
30″	9124512
32″	9124513
36″	9124514
40″	9124515
44″	9124516
48″	9124517
60″	9124518
72″	9124519
96″	9124505
144″	9124506
192″	9124507

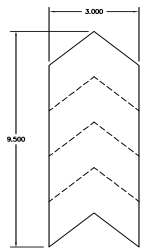
Rigid Nailfin / Sides & Bottom

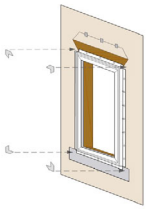


Length	Order No.	Length	Order No.
17 3/4″	9124479	**80″**	9124495
20″	9124480	**84″**	9124496
24″	9124481	**88″**	9124497
28″	9124482	**90″**	9124498
30″	9124483	**95 3/4″**	9124499
32″	9124484	**96″**	9124500
36″	9124485	**108″**	9124501
40″	9124486	**120″**	9124502
44″	9124487	144”	9124503
48″	9124488	192”	9124504
54″	9124489		
60″	9124490		
64″	9124491		
66″	9124492		
72″	9124493		
78″	9124494		

Corner Pad Seal

Note:
Ships as a quantity of four. Adhesive back.

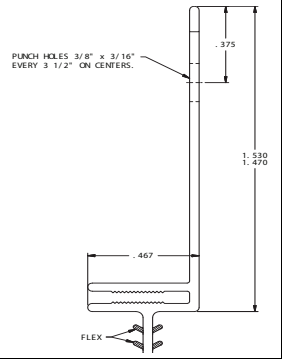




Order No.
0015327

Rigid Nail Fin with Receiver for Aluminum Drip Receiver

Note:
The Rigid Nailfin with Drip Receiver is only used for the top of the unit, combined with the standard Rigid Nailfin will be used for the bottom and sides. This Nailfin is made to receive the Color matched Extended Metal Drip Cap and will come applied to the unit. Color matched Extended Aluminum Drip Cap will have to be manually added as an new line item and applied in the field.

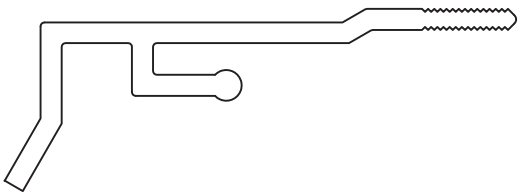


Length	Order No.
144″	9124520

Frames

Extended Drip Cap

Note:
(*) Anodized finishes. See color options.

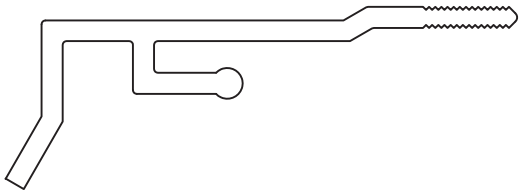


Color	102″		144″		Color	102″		144″	
	2604	2605	2604	2605		2604	2605	2604	2605
Colony White		9099884	0007972	00K1955	Spearmint	9099859	9099917	0083841	00K6628
White	9099882	9099943	0069493	0K13957	Aquamarine	9099858	9099916	0086462	00K6627
Eagle Abalone	9099850	9099908	0086516	00K6620	Patina	9099862	9099923	0099828	00K6631
Balsa White	9099831	9099889	0086681	00K6603	Sky Blue	9099838	9099896	0072165	00K6608
Canvas	9099874	9099935	0011021	0K17969	Country Blue	9099834	9099892	9105779	00K6605
Maple Syrup	9099852	9099910	0090389	00K6621	Blue Denim	9099853	9099911	0094936	00K6622
Harvest Gold	9099848	9099906	0097363	00K6618	Watercolor Blue	9099843	9099901	0081370	00K6613
Prairie Grass	9099878	9099939	0011024	0K17972	Caribbean Blue	9099856	9099914	0073354	00K6625
Flagstone	9099833	9099891	0008636	00K1932	Slate	9099854	9099912	9105781	00K6623
Sandtone	9099880	9099941	0069491	0K13955	Moody Blue	9099839	9099897	0084341	00K6609
Pebble Tan	9099828	9099886	0007973	00K6600	Stormy Blue	9099832	9099890	0088395	00K6604
Carmel	9099842	9099900	0086115	00K6612	Dove Gray	9099875	9099936	0011022	0K17970
Terratone	9099881	9099942	0069492	0K13956	Harbor Mist	9099847	9099905	9105780	00K6617
Hot Chocolate	9099855	9099913	0007975	00K6624	Yorktown Pewter	9099846	9099904	0008235	00K6616
Bourbon	9099866	9099927	0088386	00K6633	Smokey Gray	9099864	9099925	0094937	00K1948
Acorn	9099865	9099926	0085721	00K1779	Mystic Gray	9099871	9099932	0099862	00K6638
Coffee Bean	9099868	9099929	0085615	00K6635	Dark Ash	9099870	9099931	0084302	00K6637
Cocoa Bean	9099877	9099938	0011023	0K17971	Black	9099873	9099934	0011020	0K17968
					Clear Anodized*		9099946		
Dark Bronze	9099883	9099944	0049400	0K20894	Champagne*		9099947		
Clay Canyon	9099844	9099902	0097526	00K6614	Light Bronze*		9099950		
Cardinal Red		9099921		00K1899	Medium Bronze*		9099951		
Bing Cherry		9099920		00K6744	Copper*		9099948		
Fire Engine Red		9099922		00K1285	Dark Bronze*		9099949		
Cinnamon Toast	9099837	9099895	0006710	00K6607	Black*		9099945		
Red Rock	9099879	9099940	0011025	0K17973					
Olive	9099835	9099893	0088807	00K6606					
Sage	9099869	9099930	0081088	00K6636					
Billiard Green	9099845	9099903	0008657	00K6615					
Moss	9099863	9099924	0090988	00K6632					
Forest Green	9099876	9099937	0069490	0K13954					
Mallard Green	9099836	9099894	0097849	00K3366					

Frames

Extended Drip Cap

Note:
(*) Anodized finishes. See **color options**.

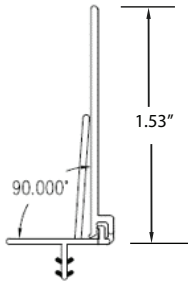


Color	102″		144″		Color	102″		144″	
	2604	2605	2604	2605		2604	2605	2604	2605
Eagle Black	9099851	9099909	0097967	00K1946					
Eagle Cappuccino	9099867	9099928	0086795	00K6634					
Bronze	9099827	9099885	0007971	00K1965					
Eagle Linen	9099872	9099933	0085729	00K6639					
Eagle Blue Mist	9099860	9099918	0067095	00K6629					
Eagle Pink Chablis	9099861	9099919	0067096	00K6630					
Eagle Butterscotch	9099840	9099898	0083552	00K6610					
Eagle Elephant	9099857	9099915	0089080	00K6626					
Eagle Chocolate Chip	9099841	9099899	0086766	00K6611					
Eagle Forest Green	9099829	9099887	0007974	00K6601					
Antique White	9099830	9099888	0008635	00K6602					
Eagle Gray Flannel	9099849	9099907	0094935	00K6619					

Frames

Radius Rigid Vinyl Fin

Note:
The Radius Nailfin is used for any unit with a Radius. The Radius Nailfin will be used for the top of the unit and the standard Rigid Nailfin will be used for the bottom and sides. If the top of the unit is a Radius, A drip cap will not be required but the Optional Radius Metal Drip is available below.

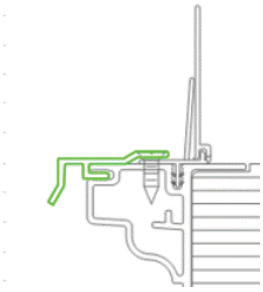


Length	Order No.
102″	0654052
188″	0002974

Radius Metal Drip Cap

Note:
The Optional Radius Metal Drip Cap is only used for any unit with a Radius Top, combined with the Standard Radius Rigid Vinyl Nailfin. Radius Top units do not require a drip cap but some customers prefer the units to match the drip cap look like the rest of their project and can choose to add this optional Radius Metal Color matched Drip Cap.

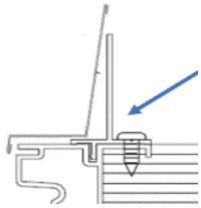
Provide Color, Base Dimension and Radius Dimension.



Length	Order No.
	OBD

Aluminum Nailfin Flange

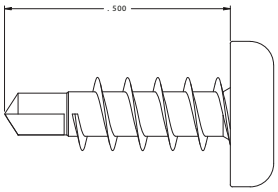
Note:
Cross section below shows the aluminum flange attatched to a unit. Secured with screws that require an increase in the Rough Opening overall height of 1/4” and 1/8” on each side.For color matched, roll formed drip cap, see Accessory Options path under Installation Materials.

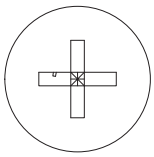


Description	Length	Order No.
Flange Kit w/ Flange Screw Pack	**144˝**	0014072
Flange	**144˝**	M001931
Flange Screw Pack		0011141

Metal Drip Cap Colored Screws

Note:
(*) Anodized finishes. See **color options**.



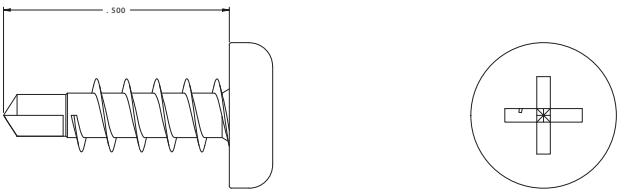


Color	2604	2605			Color	2604	2605	
Colony White	0013440	0K12250			Spearmint	0093969	0K12283	
White	0047477	0K14405			Aquamarine	0093968	0K12282	
Eagle Abalone	0073381	0K12274			Patina	0093972	0K12289	
Balsa White	0073372	0K12255			Sky Blue	0093961	0K12262	
Canvas	0010019				Country Blue	0013450	0K12258	
Maple Syrup	0073382	0K12276			Blue Denim	0073383	0K12277	
Harvest Gold	0093966	0K12272			Watercolor Blue	0093963	0K12267	
Prairie Grass	0010022				Caribbean Blue	0093967	0K12280	
Flagstone	0013449	0K12257			Slate	0013453	0K12278	
Sandtone	0047475	0K14403			Moody Blue	0093962	0K12263	
Pebble Tan	0013446	0K12252			Stormy Blue	0073373	0K12256	
Carmel	0073378	0K12266			Dove Gray	0010020	0K17660	
Terratone	0047476	0K14404			Harbor Mist	0013452	0K12271	
Hot Chocolate	0073384	0K12279			Yorktown Pewter	0093965	0K12270	
Bourbon	0093973	0K12293			Smokey Gray	0073387	0K12291	

Frames

Metal Drip Cap Colored Screws

Note:
(*) Anodized finishes. See **color options**.



Color	2604	2605			Color	2604	2605	
Acorn	0073388	0K12292			Mystic Gray	0073393	0K12298	
Coffee Bean	0010021	0K17659			Dark Ash	0073392	0K12297	
Cocoa Bean	0073390	0K12295			Black	0010018	0K17656	
					Clear Anodized*			
Dark Bronze	0049367	0K20863			Champagne*	0074524		
Clay Canyon	0073379	0K12268			Light Bronze*	0074525		
Cardinal Red		0K12287			Medium Bronze*	0074526		
Bing Cherry		0K12286			Copper*	0074536		
Fire Engine Red		0K12288			Dark Bronze*			
Cinnamon Toast	0013451	0K12261			Black*			
Red Rock	0010023	0K17661						
Olive	0073374	0K12259						
Sage	0073391	0K12296						
Billiard Green	0093964	0K12269						
Moss	0073386	0K12290						
Forest Green	0047474	0K14402						
Mallard Green	0073375	0K12260						
Eagle Black	0073371	0K12275						
Eagle Cappuccino	0073389	0K12294						
Bronze	0013445	0K12251						
Eagle Linen	0073394	0K12299						
Eagle Blue Mist	0093970	0K12284						
Eagle Pink Chablis	0093971	0K12285						
Eagle Butterscotch	0073376	0K12264						
Eagle Elephant	0073385	0K12281						
Eagle Chocolate Chip	0073377	0K12265						
Eagle Forest Green	0013447	0K12253						
Antique White	0013448	0K12254						
Eagle Gray Flannel	0073380	0K12273						